

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 86
Report Date:11/17/2008

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
Male							
Battelle Columbus Laboratory	058812307	10/04/01	728	50 (1)	39(698)	52.9	Formamide
Battelle Columbus Laboratory	052000506	02/10/04	730	50 (1)	32(691)	51.1	Ginseng
Battelle Columbus Laboratory	059501106	08/09/01	728	50 (1)	40(702)	52.3	5-(Hydroxymethyl)-2-furfural
Female							
Battelle Columbus Laboratory	058812307	10/03/01	727	50 (5)	38(692)	64.7	Formamide
Battelle Columbus Laboratory	052000506	02/09/04	729	50 (5)	38(711)	63.9	Ginseng
Battelle Columbus Laboratory	059501106	08/08/01	727	50 (5)	39(694)	64.4	5-(Hydroxymethyl)-2-furfural

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female					
#All Organs: Benign Tumors															
Overall Incidence	Total	31/50	(62%)	38/50	(76%)	42/50	(84%)	Total	17/50	(34%)	33/50	(66%)	26/50	(52%)	
		111/150	(74%)	Mean 74%	SD 11.14%	76/150	(50.67%)		Mean 50.67%	SD 16.04%					
.....															
#All Organs: Malignant Tumors															
Overall Incidence	Total	28/50	(56%)	26/50	(52%)	26/50	(52%)	Total	26/50	(52%)	15/50	(30%)	16/50	(32%)	
		80/150	(53.33%)	Mean 53.33%	SD 2.31%	57/150	(38%)		Mean 38%	SD 12.17%					
.....															
#All Organs: Malignant and Benign Tumors															
Overall Incidence	Total	41/50	(82%)	46/50	(92%)	49/50	(98%)	Total	36/50	(72%)	42/50	(84%)	34/50	(68%)	
		136/150	(90.67%)	Mean 90.67%	SD 8.08%	112/150	(74.67%)		Mean 74.67%	SD 8.33%					
.....															
#All Organs: Hemangioma															
Overall Incidence	Total	2/50	(4%)	1/50	(2%)	0/50	(0%)	Total	0/50	(0%)	1/50	(2%)	2/50	(4%)	
		3/150	(2%)	Mean 2%	SD 2%	3/150	(2%)		Mean 2%	SD 2%					
.....															
#All Organs: Hemangiosarcoma															
Overall Incidence	Total	3/50	(6%)	4/50	(8%)	2/50	(4%)	Total	2/50	(4%)	0/50	(0%)	5/50	(10%)	
		9/150	(6%)	Mean 6%	SD 2%	7/150	(4.67%)		Mean 4.67%	SD 5.03%					
.....															
#All Organs: Hemangiosarcoma or Hemangioma															
Overall Incidence	Total	5/50	(10%)	5/50	(10%)	2/50	(4%)	Total	2/50	(4%)	1/50	(2%)	7/50	(14%)	
		12/150	(8%)	Mean 8%	SD 3.46%	10/150	(6.67%)		Mean 6.67%	SD 6.43%					
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female									
#All Organs: Histiocytic Sarcoma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			2/50	(4%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		2/150	(1.33%)	Mean	1.33%	SD	2.31%				
.....																			
#All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type																			
		2/50	(4%)	4/50	(8%)	2/50	(4%)			10/50	(20%)	9/50	(18%)	8/50	(16%)				
Overall Incidence	Total	8/150	(5.33%)	Mean	5.33%	SD	2.31%	Total		27/150	(18%)	Mean	18%	SD	2%				
.....																			
#All Organs: Mesothelioma: Benign, Malignant, NOS																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#All Organs: Mesothelioma: Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#All Organs: Osteoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#All Organs: Osteosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female					
#All Organs: Osteosarcoma or Osteoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Adrenal Cortex: Adenoma															
Overall Incidence	Total	2/50	(4%)	1/50	(2%)	5/49	(10%)	Total	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		8/149	(5.37%)	Mean	5.4%	SD	4.28%		0/149	(0%)	Mean	0%	SD	0%	
.....															
*Adrenal Cortex: Sarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/49	(0%)	Total	0/49	(0%)	0/50	(0%)	0/50	(0%)	
		0/149	(0%)	Mean	0%	SD	0%		0/149	(0%)	Mean	0%	SD	0%	
.....															
*Adrenal Medulla: Pheochromocytoma Benign															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/49	(0%)	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/149	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%	
.....															
*Adrenal Medulla: Pheochromocytoma Complex															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/49	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/149	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Adrenal Medulla: Pheochromocytoma Malignant															
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/49	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/149	(0.67%)	Mean	0.67%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%	
.....															

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Male								Female							
*Adrenal Medulla:															
Pheochromocytoma: Benign, Complex, Malignant, NOS															
		1/50	(2%)	0/50	(0%)	0/49	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	1/149	(0.67%)	Mean	0.67%	SD	1.15%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	
.....															
*Bone Marrow:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
.....															
*Bone Marrow:															
Mast Cell Tumor Malignant															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
.....															
#Bone:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Bone:															
Osteoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Bone:															
Osteosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															

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Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 91
Report Date:11/17/2008

Male							Female							
#Bone: Osteosarcoma or Osteoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Bone: Sarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Brain: Meningioma Benign														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Brain: Meningioma: Benign, Malignant, NOS														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Brain: Schwannoma Malignant														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male							Female							
*Clitoral/Preputial Gland: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Carcinoma or Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Hemangioma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Hemangiosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Clitoral/Preputial Gland: Squamous Cell Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
*Epididymis: Sarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/150	(0%)	Mean	0%	SD	0%							
.....														

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Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
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Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male						Female						
#Esophagus: Squamous Cell Carcinoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
#Eye: Sarcoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
*Gallbladder: Adenoma												
Overall Incidence	Total	0/45	(0%)	0/49	(0%)	0/49	(0%)	Total	0/47	(0%)	0/49	(0%)
		0/143	(0%)	Mean	0%	SD	0%		0/146	(0%)	Mean	0%
.....												
#Harderian Gland: Adenoma												
Overall Incidence	Total	6/50	(12%)	11/50	(22%)	11/50	(22%)	Total	4/50	(8%)	7/50	(14%)
		28/150	(18.67%)	Mean	18.67%	SD	5.77%		18/150	(12%)	Mean	12%
.....												
#Harderian Gland: Carcinoma												
Overall Incidence	Total	2/50	(4%)	1/50	(2%)	3/50	(6%)	Total	4/50	(8%)	0/50	(0%)
		6/150	(4%)	Mean	4%	SD	2%		4/150	(2.67%)	Mean	2.67%
.....												
#Harderian Gland: Carcinoma or Adenoma												
Overall Incidence	Total	7/50	(14%)	12/50	(24%)	13/50	(26%)	Total	8/50	(16%)	7/50	(14%)
		32/150	(21.33%)	Mean	21.33%	SD	6.43%		22/150	(14.67%)	Mean	14.67%

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Route: GAVAGE
Vehicle: WATER

Male							Female							
#Harderian Gland: Sarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
*Heart: Hemangioma														
Overall Incidence	Total	1/50 1/150	(2%) (0.67%)	0/50 Mean	(0%) 0.67%	0/50 SD	(0%) 1.15%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
*Heart: Hemangiosarcoma														
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
*Heart: Sarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Intestine Large: Cecum: Carcinoma														
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	0/50 Mean	(0%) 0.67%	1/50 SD	(2%) 1.15%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Intestine Large: Cecum: Carcinoma or Adenoma														
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	0/50 Mean	(0%) 0.67%	1/50 SD	(2%) 1.15%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														

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Vehicle: WATER

		Male						Female						
#Intestine Large: Cecum: Leiomyoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Large: Cecum: Polyp Adenomatous														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Large: Colon/Rectum: Leiomyosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Duodenum: Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Duodenum: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	2/50	(4%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		2/150	(1.33%)	Mean	1.33%	SD	2.31%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Duodenum: Leiomyosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

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Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 96
Report Date:11/17/2008

		Male						Female						
#Intestine Small: Duodenum: Polyp Adenomatous														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Ileum: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Ileum: Hemangiosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Ileum: Polyp Adenomatous														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Jejunum: Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Jejunum: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male							Female							
#Intestine Small: Jejunum: Hemangiosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Jejunum: Leiomyosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Jejunum: Polyp Adenomatous														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Site Unspecified: Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Site Unspecified: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	2/50	(4%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		2/150	(1.33%)	Mean	1.33%	SD	2.31%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Intestine Small: Site Unspecified: Carcinoma or Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	2/50	(4%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		2/150	(1.33%)	Mean	1.33%	SD	2.31%		0/150	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male						Female								
#Intestine Small: Site Unspecified: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
#Intestine Small: Site Unspecified: Leiomyosarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
#Intestine Small: Site Unspecified: Polyp Adenomatous														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
*Islets, Pancreatic: Adenoma														
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%
*Islets, Pancreatic: Carcinoma														
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
*Islets, Pancreatic: Carcinoma or Adenoma														
Overall Incidence	Total	0/50 2/150	(0%) (1.33%)	2/50 Mean	(4%) 1.33%	0/50 SD	(0%) 2.31%	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male								Female							
*Kidney: Renal Tubule: Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Kidney: Renal Tubule: Carcinoma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Kidney: Renal Tubule: Carcinoma or Adenoma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	1/50	(2%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		2/150	(1.33%)	Mean	1.33%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Cholangiocarcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Fibrous Histiocytoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Liver: Hemangioma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male						Female					
*Liver: Hemangiosarcoma											
Overall Incidence	Total	1/50	(2%)	2/50	(4%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
		4/150	(2.67%)	Mean	2.67%	SD	1.15%	0/150	(0%)	Mean	0%
<hr/>											
*Liver: Hepatoblastoma											
Overall Incidence	Total	1/50	(2%)	1/50	(2%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
		3/150	(2%)	Mean	2%	SD	0%	1/150	(0.67%)	Mean	0.67%
<hr/>											
*Liver: Hepatocellular Adenoma											
Overall Incidence	Total	24/50	(48%)	34/50	(68%)	33/50	(66%)	6/50	(12%)	21/50	(42%)
		91/150	(60.67%)	Mean	60.67%	SD	11.02%	41/150	(27.33%)	Mean	27.33%
<hr/>											
*Liver: Hepatocellular Carcinoma											
Overall Incidence	Total	15/50	(30%)	14/50	(28%)	11/50	(22%)	4/50	(8%)	2/50	(4%)
		40/150	(26.67%)	Mean	26.67%	SD	4.16%	8/150	(5.33%)	Mean	5.33%
<hr/>											
*Liver: Hepatocellular Carcinoma or Hepatoblastoma											
Overall Incidence	Total	16/50	(32%)	14/50	(28%)	12/50	(24%)	4/50	(8%)	2/50	(4%)
		42/150	(28%)	Mean	28%	SD	4%	9/150	(6%)	Mean	6%
<hr/>											
*Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma											
Overall Incidence	Total	33/50	(66%)	39/50	(78%)	39/50	(78%)	9/50	(18%)	23/50	(46%)
		111/150	(74%)	Mean	74%	SD	6.93%	46/150	(30.67%)	Mean	30.67%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

		Male						Female					
*Liver:													
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma													
Overall Incidence	Total	34/50	(68%)	39/50	(78%)	39/50	(78%)	9/50	(18%)	23/50	(46%)	15/50	(30%)
		112/150	(74.67%)	Mean	74.67%	SD	5.77%	47/150	(31.33%)	Mean	31.33%	SD	14.05%
.....													
*Liver:													
Hepatocholangiocarcinoma													
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%	0/150	(0%)	Mean	0%	SD	0%
.....													
*Liver:													
Ito Cell Tumor Benign													
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%	SD	0%
.....													
*Liver:													
Ito Cell Tumor Malignant													
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%	SD	0%
.....													
*Liver:													
Sarcoma													
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%	SD	0%
.....													
*Lung:													
Adenoma													
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%	0/150	(0%)	Mean	0%	SD	0%
.....													

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female									
*Lung:																			
Alveolar/Bronchiolar Adenoma																			
		10/50	(20%)	9/50	(18%)	10/50	(20%)			4/50	(8%)	6/50	(12%)	2/50	(4%)				
Overall Incidence	Total	29/150	(19.33%)	Mean	19.33%	SD	1.15%	Total		12/150	(8%)	Mean	8%	SD	4%				
.....																			
*Lung:																			
Alveolar/Bronchiolar Carcinoma																			
		6/50	(12%)	3/50	(6%)	7/50	(14%)			2/50	(4%)	1/50	(2%)	1/50	(2%)				
Overall Incidence	Total	16/150	(10.67%)	Mean	10.67%	SD	4.16%	Total		4/150	(2.67%)	Mean	2.67%	SD	1.15%				
.....																			
*Lung:																			
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma																			
		16/50	(32%)	12/50	(24%)	16/50	(32%)			5/50	(10%)	7/50	(14%)	3/50	(6%)				
Overall Incidence	Total	44/150	(29.33%)	Mean	29.33%	SD	4.62%	Total		15/150	(10%)	Mean	10%	SD	4%				
.....																			
*Lung:																			
Fibrosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
*Lung:																			
Fibrous Histiocytoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
*Lung:																			
Hemangiosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male							Female							
*Lung: Sarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Lymph Node: Fibrous Histiocytoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Lymph Node: Hemangioma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Lymph Node: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Lymph Node: Sarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														
#Lymph Node, Bronchial: Hemangiosarcoma														
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male							Female							
#Lymph Node, Mandibular: Fibrous Histiocytoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mandibular: Hemangiosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mandibular: Mast Cell Tumor Malignant														
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Fibrous Histiocytoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangioma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Lymph Node, Mesenteric: Hemangiosarcoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/150	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 105
Report Date:11/17/2008

Male								Female							
#Mammary Gland: Adenoacanthoma															
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	
.....															
#Mammary Gland: Adenoma															
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%	
.....															
#Mammary Gland: Carcinoma															
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	2/50 3/150	(4%) (2%)	0/50 Mean	(0%) 2%	1/50 SD	(2%) 2%	
.....															
#Mammary Gland: Carcinoma or Adenoma															
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	2/50 4/150	(4%) (2.67%)	1/50 Mean	(2%) 2.67%	1/50 SD	(2%) 1.15%	
.....															
#Mammary Gland: Fibroadenoma															
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	
.....															
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma															
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%	Total	0/50 1/150	(0%) (0.67%)	1/50 Mean	(2%) 0.67%	0/50 SD	(0%) 1.15%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male						Female						
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma												
		0/50	(0%)	0/50	(0%)	0/50	(0%)	2/50	(4%)	1/50	(2%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	4/150	(2.67%)	Mean	2.67%
										SD	1.15%	
.....												
#Mesentery: Fibrosarcoma												
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%
										SD	1.15%	
.....												
#Mesentery: Hemangioma												
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%
										SD	0%	
.....												
#Mesentery: Hemangiosarcoma												
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%
										SD	0%	
.....												
#Mesentery: Sarcoma												
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%
										SD	0%	
.....												
*Nose: Hemangioma												
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%
										SD	0%	
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female									
*Nose:																			
Mast Cell Tumor Malignant																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/49	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/149	(0%)	Mean	0%	SD	0%				
.....																			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):																			
Papilloma Squamous or Papilloma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):																			
Squamous Cell Carcinoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%				
.....																			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):																			
Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%				
.....																			
#Oral Mucosa:																			
Squamous Cell Carcinoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
*Ovary:																			
Choriocarcinoma																			
										0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence										Total	0/150	(0%)	Mean	0%	SD	0%			
.....																			

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male				Female			
*Ovary: Cystadenoma							
Overall Incidence	Total	1/50	(2%)	7/50	(14%)	3/50	(6%)
		11/150	(7.33%)	Mean 7.33%	SD 6.11%		
.....							
*Ovary: Fibrous Histiocytoma							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/50
	0/150		(0%)	Mean 0%	SD 0%		
.....							
*Ovary: Granulosa Cell Tumor Benign							
Overall Incidence	Total		0/50	(0%)	0/50	(0%)	0/50
		0/150	(0%)	Mean 0%	SD 0%		
.....							
*Ovary: Granulosa Cell Tumor Malignant							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/50
	0/150		(0%)	Mean 0%	SD 0%		
.....							
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS							
Overall Incidence	Total		0/50	(0%)	0/50	(0%)	0/50
		0/150	(0%)	Mean 0%	SD 0%		
.....							
*Ovary: Hemangioma							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/50
	0/150		(0%)	Mean 0%	SD 0%		
.....							

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male				Female			
*Ovary: Hemangiosarcoma							
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%
.....							
*Ovary: Leiomyosarcoma							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/50
	0/150		(0%)	Mean	0%	SD	0%
.....							
*Ovary: Luteoma							
Overall Incidence	Total		0/50	(0%)	0/50	(0%)	0/50
		0/150	(0%)	Mean	0%	SD	0%
.....							
*Ovary: Teratoma Benign							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/50
	0/150		(0%)	Mean	0%	SD	0%
.....							
*Ovary: Teratoma Malignant							
Overall Incidence	Total		0/50	(0%)	0/50	(0%)	0/50
		0/150	(0%)	Mean	0%	SD	0%
.....							
*Ovary: Tubulostromal Adenoma							
Overall Incidence		Total	0/50	(0%)	0/50	(0%)	0/50
	0/150		(0%)	Mean	0%	SD	0%
.....							

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male								Female							
*Pancreas: Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/148	(0%)	Mean	0%	SD	0%	
.....															
*Pancreas: Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/148	(0%)	Mean	0%	SD	0%	
.....															
*Pancreas: Carcinoma or Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/148	(0%)	Mean	0%	SD	0%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site: Adenoma															
Overall Incidence	Total	1/50	(2%)	1/50	(2%)	0/48	(0%)	Total	3/50	(6%)	1/50	(2%)	2/49	(4%)	
		2/148	(1.35%)	Mean	1.33%	SD	1.15%		6/149	(4.03%)	Mean	4.03%	SD	2%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma															
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/48	(0%)	Total	0/50	(0%)	0/50	(0%)	0/49	(0%)	
		1/148	(0.68%)	Mean	0.67%	SD	1.15%		0/149	(0%)	Mean	0%	SD	0%	
.....															
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma															
Overall Incidence	Total	2/50	(4%)	1/50	(2%)	0/48	(0%)	Total	3/50	(6%)	1/50	(2%)	2/49	(4%)	
		3/148	(2.03%)	Mean	2%	SD	2%		6/149	(4.03%)	Mean	4.03%	SD	2%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 111
Report Date:11/17/2008

Male								Female							
*Pituitary Gland: Pars Intermedia: Adenoma															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			1/50	(2%)	1/50	(2%)	2/49	(4%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total	4/149	(2.68%)	Mean	2.69%	SD	1.2%	
.....															
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/48	(0%)			1/50	(2%)	1/50	(2%)	2/49	(4%)
Overall Incidence	Total	0/148	(0%)	Mean	0%	SD	0%	Total	4/149	(2.68%)	Mean	2.69%	SD	1.2%	
.....															
*Prostate: Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%								
.....															
*Prostate: Carcinoma or Adenoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%								
.....															
*Prostate: Hemangioma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)								
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%								
.....															
*Salivary Glands: Carcinoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/148	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male								Female							
*Salivary Glands: Carcinoma or Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/50	(0%)	0/49	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/148	(0%)	Mean	0%	SD	0%	
*Salivary Glands: Mast Cell Tumor Malignant															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	Total	0/49	(0%)	0/50	(0%)	0/49	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/148	(0%)	Mean	0%	SD	0%	
#Seminal Vesicle: Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)								
		0/150	(0%)	Mean	0%	SD	0%								
#Skeletal Muscle: Fibrosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
#Skeletal Muscle: Hemangiosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%	
#Skeletal Muscle: Myxosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 113
Report Date:11/17/2008

Male								Female							
#Skeletal Muscle: Rhabdomyosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle: Rhabdomyosarcoma or Rhabdomyoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skeletal Muscle: Sarcoma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Basal Cell Adenoma or Basosquamous Tumor Benign															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Skin: Basal Cell Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Vehicle: WATER

Report Date:11/17/2008

#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 115
Report Date:11/17/2008

Male										Female									
#Skin:																			
Fibrosarcoma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	3/50	(6%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		3/150	(2%)	Mean	2%	SD	3.46%				
#Skin:																			
Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			1/50	(2%)	4/50	(8%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		5/150	(3.33%)	Mean	3.33%	SD	4.16%				
#Skin:																			
Fibrous Histiocytoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	1/50	(2%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%				
#Skin:																			
Hemangioma																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		0/150	(0%)	Mean	0%	SD	0%				
#Skin:																			
Hemangiosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
#Skin:																			
Liposarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female									
#Skin:																			
Myxosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin:																			
Neural Crest Tumor																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin:																			
Neurofibrosarcoma or Schwannoma (malignant or NOS)																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	2/50	(4%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		2/150	(1.33%)	Mean	1.33%	SD	2.31%				
.....																			
#Skin:																			
Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	2/50	(4%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		2/150	(1.33%)	Mean	1.33%	SD	2.31%				
.....																			
#Skin:																			
Osteosarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin:																			
Sarcoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		1/150	(0.67%)	Mean	0.67%	SD	1.15%				
.....																			

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male										Female									
#Skin: Schwannoma Malignant																			
		0/50	(0%)	1/50	(2%)	0/50	(0%)			0/50	(0%)	2/50	(4%)	0/50	(0%)				
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total		2/150	(1.33%)	Mean	1.33%	SD	2.31%				
.....																			
#Skin: Squamous Cell Carcinoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin: Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin: Squamous Cell Papilloma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin: Squamous Cell Papilloma or Papilloma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			
#Skin: Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma																			
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total		0/150	(0%)	Mean	0%	SD	0%				
.....																			

#: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 118
Report Date:11/17/2008

Male						Female						
#Skin: Squamous Cell Papilloma, Papilloma, or Keratoacanthoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
#Skin: Trichoepithelioma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
#Skin: Sebaceous Gland: Adenoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
#Skin: Sebaceous Gland: Carcinoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
#Skin: Sebaceous Gland: Carcinoma or Adenoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												
#Spinal Cord: Meningioma Malignant												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male						Female								
*Spleen: Fibrous Histiocytoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/149	(0%)	Mean	0%	SD	0%
.....														
*Spleen: Hemangioma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	1/50	(2%)	0/49	(0%)
		0/150	(0%)	Mean	0%	SD	0%		1/149	(0.67%)	Mean	0.67%	SD	1.15%
.....														
*Spleen: Hemangiosarcoma														
Overall Incidence	Total	2/50	(4%)	1/50	(2%)	1/50	(2%)	Total	1/50	(2%)	0/50	(0%)	4/49	(8%)
		4/150	(2.67%)	Mean	2.67%	SD	1.15%		5/149	(3.36%)	Mean	3.39%	SD	4.25%
.....														
#Stomach, Forestomach: Mast Cell Tumor Malignant														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach: Squamous Cell Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Stomach, Forestomach: Squamous Cell Carcinoma or Papilloma Squamous														
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	2/50	(4%)	Total	1/50	(2%)	0/50	(0%)	2/50	(4%)
		3/150	(2%)	Mean	2%	SD	2%		3/150	(2%)	Mean	2%	SD	2%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 120
Report Date:11/17/2008

Male								Female							
#Stomach, Forestomach: Squamous Cell Papilloma															
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	2/50	(4%)	Total	1/50	(2%)	0/50	(0%)	2/50	(4%)	
		3/150	(2%)	Mean	2%	SD	2%		3/150	(2%)	Mean	2%	SD	2%	
.....															
#Stomach, Glandular: Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Stomach, Glandular: Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Stomach, Glandular: Carcinoma or Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
*Testes: Adenoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)								
		0/150	(0%)	Mean	0%	SD	0%								
.....															
*Testes: Hemangiosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)								
		0/150	(0%)	Mean	0%	SD	0%								
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male						Female						
*Thymus: Thymoma Malignant												
Overall Incidence	Total	0/47	(0%)	0/47	(0%)	0/43	(0%)	Total	0/49	(0%)	0/48	(0%)
		0/137	(0%)	Mean	0%	SD	0%		0/144	(0%)	Mean	0%
SD 0%												
.....												
*Thymus: Thymoma: Benign, Malignant, NOS												
Overall Incidence	Total	0/47	(0%)	0/47	(0%)	0/43	(0%)	Total	0/49	(0%)	0/48	(0%)
		0/137	(0%)	Mean	0%	SD	0%		0/144	(0%)	Mean	0%
SD 0%												
.....												
*Thyroid Gland: Adenoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/49	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/146	(0%)	Mean	0%
SD 0%												
.....												
*Thyroid Gland: C-Cell: Carcinoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/49	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/146	(0%)	Mean	0%
SD 0%												
.....												
*Thyroid Gland: C-Cell: Carcinoma or Adenoma												
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/49	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/146	(0%)	Mean	0%
SD 0%												
.....												
*Thyroid Gland: Follicular Cell: Adenoma												
Overall Incidence	Total	0/50	(0%)	1/50	(2%)	2/50	(4%)	Total	2/49	(4%)	0/49	(0%)
		3/150	(2%)	Mean	2%	SD	2%		3/146	(2.05%)	Mean	2.05%
SD 2.04%												
.....												

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 122
Report Date:11/17/2008

Male								Female							
*Thyroid Gland: Follicular Cell: Carcinoma															
Overall Incidence	Total	1/50	(2%)	0/50	(0%)	0/50	(0%)	Total	0/49	(0%)	0/49	(0%)	0/48	(0%)	
		1/150	(0.67%)	Mean	0.67%	SD	1.15%		0/146	(0%)	Mean	0%	SD	0%	
.....															
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma															
Overall Incidence	Total	1/50	(2%)	1/50	(2%)	2/50	(4%)	Total	2/49	(4%)	0/49	(0%)	1/48	(2%)	
		4/150	(2.67%)	Mean	2.67%	SD	1.15%		3/146	(2.05%)	Mean	2.05%	SD	2.04%	
.....															
#Tissue NOS: Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Tissue NOS: Hemangiosarcoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Tissue NOS: Schwannoma Malignant															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%	
.....															
#Tongue: Squamous Cell Carcinoma															
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/150	(0%)	Mean	0%	SD	0%		1/150	(0.67%)	Mean	0.67%	SD	1.15%	

.....
*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Page: 123
Report Date:11/17/2008

Male										Female					
#Tongue:															
Squamous Cell Carcinoma or Papilloma Squamous															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	
.....															
#Tongue:															
Squamous Cell Papilloma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
#Tooth:															
Odontoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/150	(0%)	Mean	0%	SD	0%	
.....															
*Urinary Bladder:															
Hemangioma															
		1/50	(2%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	1/150	(0.67%)	Mean	0.67%	SD	1.15%	Total	0/149	(0%)	Mean	0%	SD	0%	
.....															
*Urinary Bladder:															
Hemangiosarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
.....															
*Urinary Bladder:															
Sarcoma															
		0/50	(0%)	0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/150	(0%)	Mean	0%	SD	0%	Total	0/149	(0%)	Mean	0%	SD	0%	
.....															

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male			Female		
#Uterus: Adenoma					
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%
.....					
#Uterus: Carcinoma					
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean 0%	(0%) SD 0%
.....					
#Uterus: Hemangioma					
Overall Incidence	Total	0/50 2/150	(0%) (1.33%)	0/50 Mean 1.33%	2/50 SD 2.31%
.....					
#Uterus: Hemangiosarcoma					
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean 0%	0/50 SD 0%
.....					
#Uterus: Leiomyoma					
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean 0%	0/50 SD 0%
.....					
#Uterus: Leiomyosarcoma					
Overall Incidence	Total	0/50 0/150	(0%) (0%)	0/50 Mean 0%	0/50 SD 0%
.....					

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

	Male					Female			
#Uterus: Polyp Stromal									
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)			0/50 Mean	(0%) 0.67%	1/50 SD	(2%) 1.15%
#Uterus: Sarcoma Stromal									
Overall Incidence	Total	0/50 0/150	(0%) (0%)			0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
#Uterus: Sarcoma Stromal or Polyp Stromal									
Overall Incidence	Total	0/50 1/150	(0%) (0.67%)			0/50 Mean	(0%) 0.67%	1/50 SD	(2%) 1.15%
#Uterus: Schwannoma Malignant									
Overall Incidence	Total	0/50 0/150	(0%) (0%)			0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
#Vagina: Squamous Cell Carcinoma									
Overall Incidence	Total	0/50 0/150	(0%) (0%)			0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%
#Vagina: Squamous Cell Papilloma									
Overall Incidence	Total	0/50 0/150	(0%) (0%)			0/50 Mean	(0%) 0%	0/50 SD	(0%) 0%

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied

Version: Nov2008
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: WATER

Male							Female							
#Zymbal's Gland: Carcinoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														
#Zymbal's Gland: Carcinoma or Adenoma														
Overall Incidence	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)	Total	0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/150	(0%)	Mean	0%	SD	0%		0/150	(0%)	Mean	0%	SD	0%
.....														

*: Denominator is number of animals with tissues examined microscopically
#: Denominator is number of animals necropsied